

Patent Claims:

1. Docking buffer to be attached to ramps, especially loading ramps and loading bridges, with elastic damping element (3) between two U-shaped parts (1;2) made of hard, shock-resistant material the limbs of which (4;5 and 6;7) are located next to one another and can be displaced in relation to one another, **characterized by**, the limbs (4;5) of the U-shaped part (2) are convergent around an angle (α) deviating from 90° to a base plate (9) and the limb (6;7) of the U-shaped part (1) are convergent around an angle (α) deviating from 90° to a base plate (8), whereby the opening widths between the ends of the limbs (4;5) and (6;7) and the sizes of the angles (α ; β) are selected so that the limbs (4;5) enclose limbs (6;7).
2. Docking buffer in accordance with claim 1, **characterized by**, the size of the angle (α ; β) are selected, depending on the lengths of limbs (4;5;6;7), so that in cases of unilateral impact of the U-shaped part (2) its limbs (4;5) cannot spatially avoid the enclosing of limbs (6;7).
3. Docking buffer in accordance with claim 1 and 2, **characterized by**, the limbs (6;7) being welded to a base plate (8) and form U-shaped part (1).
4. Docking buffer in accordance with claim 1 to 3, **characterized by**, so that it is attached to a ramp (12) with the base plate (8) by means of a mechanically detachable connection (11).
5. Docking buffer in accordance with claim 1 to 4, **characterized by**, a supporting device, preferably punched sheet-metal or grid, being attached on the bottom end of the U-shaped part (1)